

Title (en)
HARQ-ACK TRANSMISSION METHOD, TERMINAL, AND BASE STATION

Title (de)
HARQ-ACK-ÜBERTRAGUNGSVERFAHREN, ENDGERÄT UND BASISSTATION

Title (fr)
PROCÉDÉ DE TRANSMISSION DE HARQ-ACK, TERMINAL ET STATION DE BASE

Publication
EP 3771129 A4 20210526 (EN)

Application
EP 19781475 A 20190313

Priority
• CN 201810302306 A 20180404
• CN 2019077996 W 20190313

Abstract (en)
[origin: EP3771129A1] A HARQ-ACK message transmission method, a terminal and a base station are provided. The transmission method includes: when HARQ-ACK for a physical downlink channel received before BWP switching needs to be fed back after the BWP switching, determining, according to a preset rule, whether to transmit the HARQ-ACK for the physical downlink channel after the BWP switching.

IPC 8 full level
H04L 5/00 (2006.01); **H04L 1/16** (2006.01); **H04L 1/18** (2006.01)

CPC (source: CN EP KR US)
H04B 7/0456 (2013.01 - US); **H04L 1/1607** (2013.01 - CN); **H04L 1/1664** (2013.01 - KR); **H04L 1/1806** (2013.01 - CN KR); **H04L 1/1812** (2013.01 - CN KR); **H04L 1/1819** (2013.01 - US); **H04L 1/1854** (2013.01 - EP); **H04L 1/1896** (2013.01 - US); **H04L 5/0055** (2013.01 - CN KR US); **H04L 5/0078** (2013.01 - KR); **H04L 5/0092** (2013.01 - US); **H04L 5/0098** (2013.01 - KR); **H04L 5/1469** (2013.01 - US); **H04W 72/0446** (2013.01 - KR); **H04W 72/0453** (2013.01 - KR); **H04W 72/23** (2023.01 - KR US); **H04L 5/0007** (2013.01 - EP); **H04L 5/0053** (2013.01 - EP); **H04L 5/0055** (2013.01 - EP)

Citation (search report)
• [XYI] PANASONIC: "Discussion on HARQ-ACK transmission due to BWP switching", vol. RAN WG1, no. Athens, Greece; 20180226 - 20180302, 15 February 2018 (2018-02-15), XP051396874, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F92/Docs/> [retrieved on 20180215]
• [XI] NOKIA ET AL: "On remaining details of BWPs", vol. RAN WG1, no. Vancouver, Canada; 20180122 - 20180126, 12 January 2018 (2018-01-12), XP051384384, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5FAH/NR%5FAH%5F1801/Docs/> [retrieved on 20180112]
• [Y] HUAWEI ET AL: "Summary of remaining issues on NR CA", vol. RAN WG1, no. Athens, Greece; 20180226 - 20180302, 17 February 2018 (2018-02-17), XP051397512, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg%5Fran/WG1%5FRL1/TSGR1%5F92/Docs/> [retrieved on 20180217]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3771129 A1 20210127; EP 3771129 A4 20210526; EP 3771129 B1 20231004; CN 110351056 A 20191018; CN 110351056 B 20210709; JP 2021517439 A 20210715; JP 2023036744 A 20230314; JP 7354139 B2 20231002; KR 102585705 B1 20231005; KR 20200139231 A 20201211; TW 201943222 A 20191101; TW I717710 B 20210201; US 11621804 B2 20230404; US 2021058197 A1 20210225; WO 2019192299 A1 20191010

DOCDB simple family (application)
EP 19781475 A 20190313; CN 201810302306 A 20180404; CN 2019077996 W 20190313; JP 2020554140 A 20190313; JP 2022200955 A 20221216; KR 20207031745 A 20190313; TW 108109530 A 20190320; US 201917044210 A 20190313